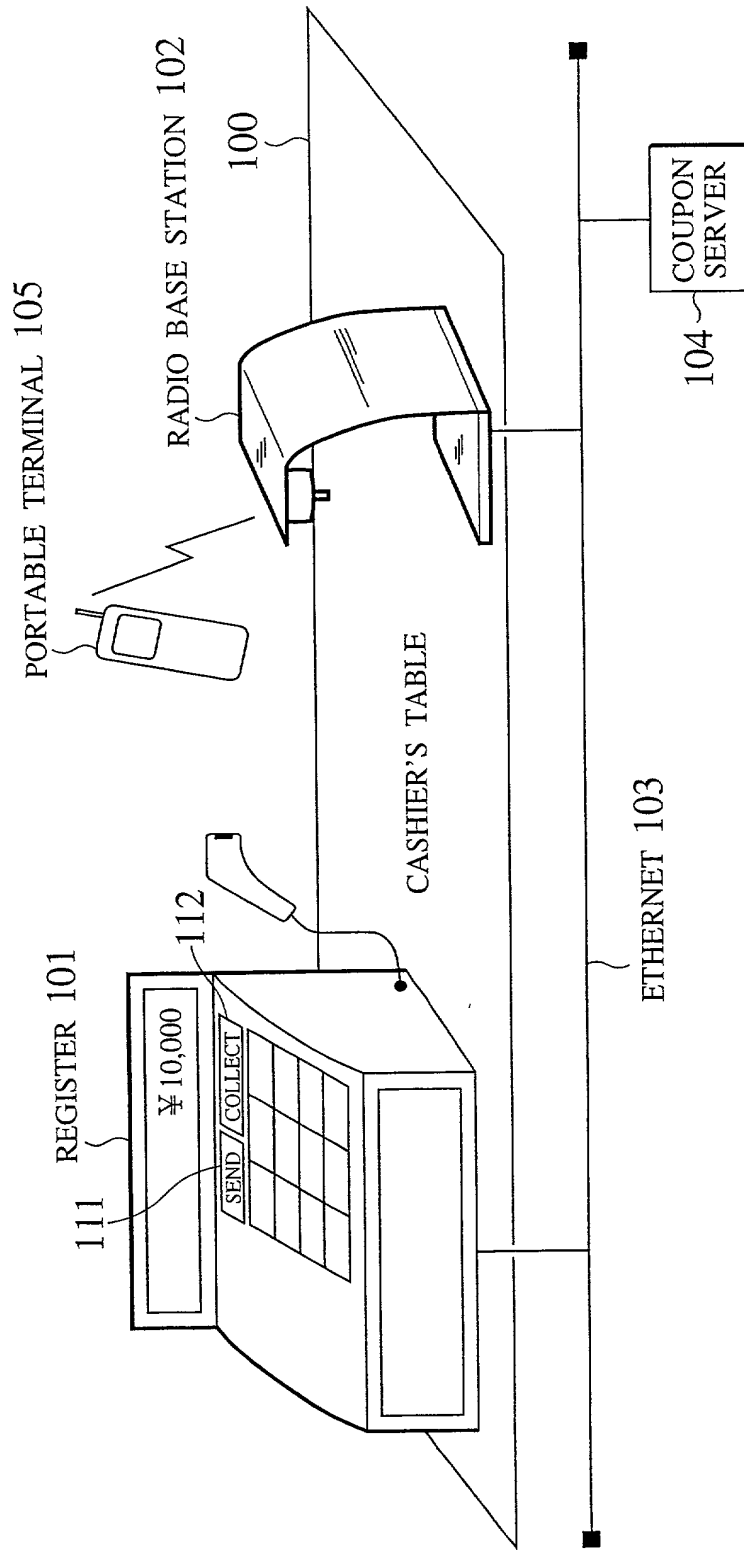


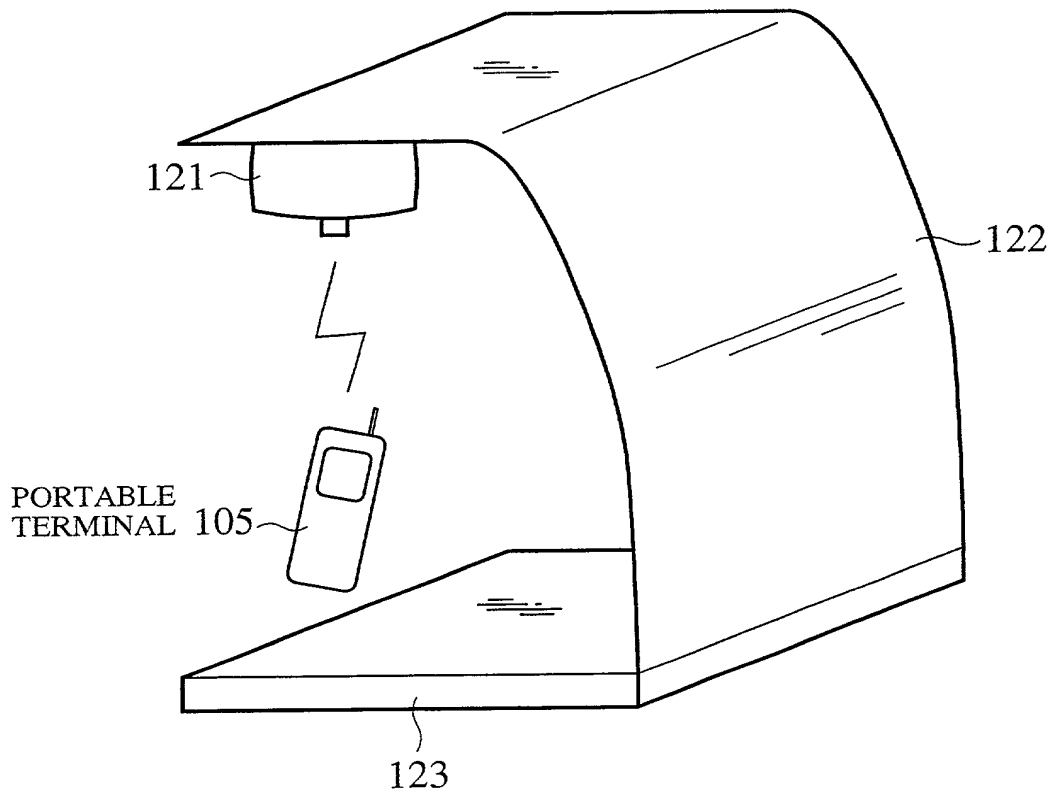
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FIG.1



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FIG.2



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FIG.3

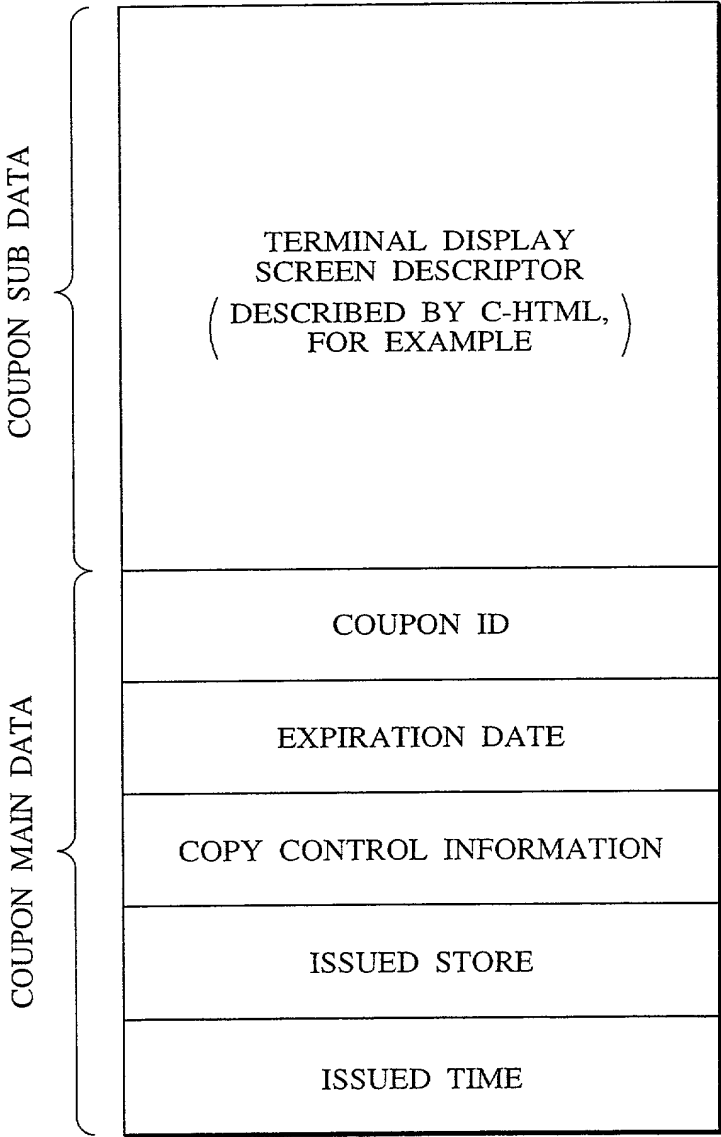


FIG.4

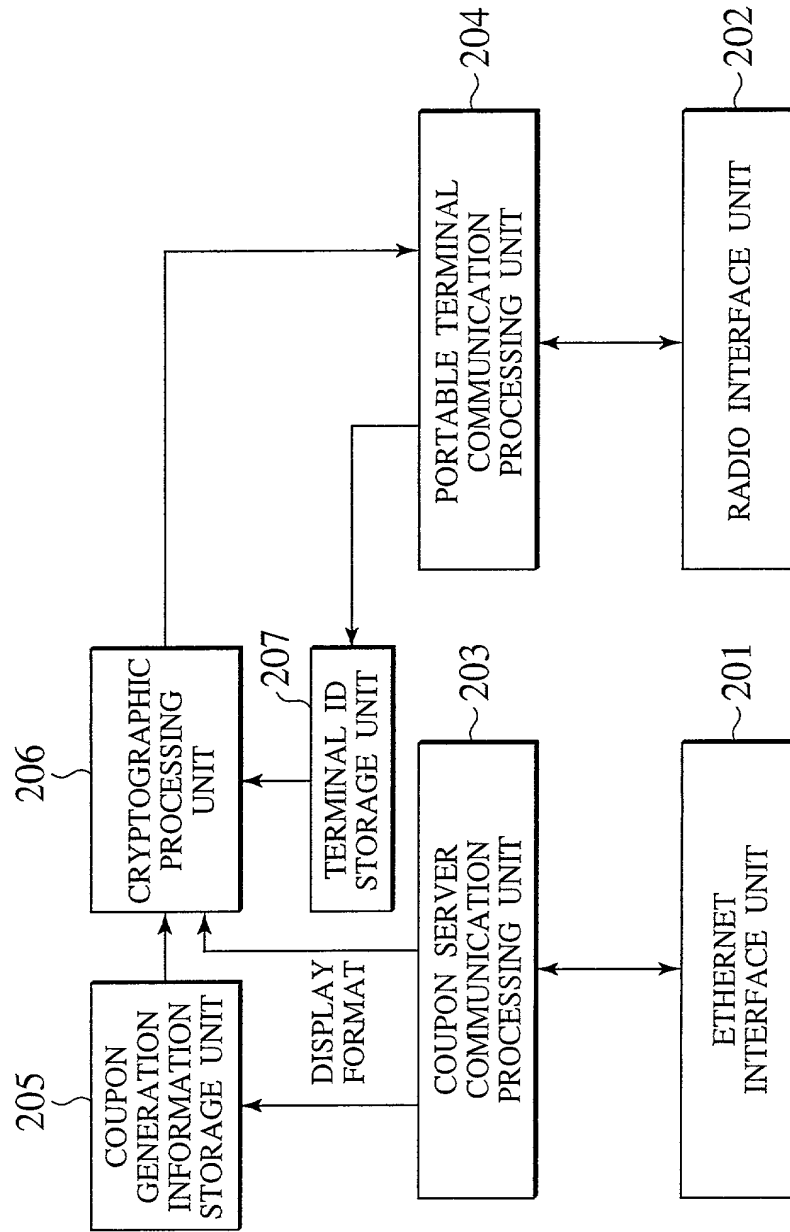


FIG.5

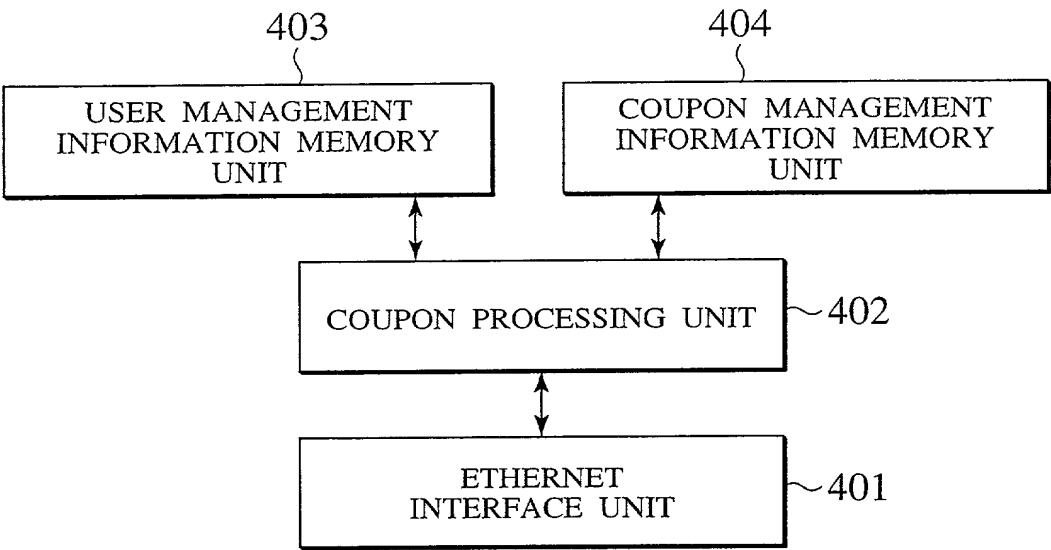


FIG.6

USER ID	USER ATTRIBUTE INFORMATION	TERMINAL ID	SERVICE INFORMATION
⋮	⋮	⋮	⋮

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FIG.7

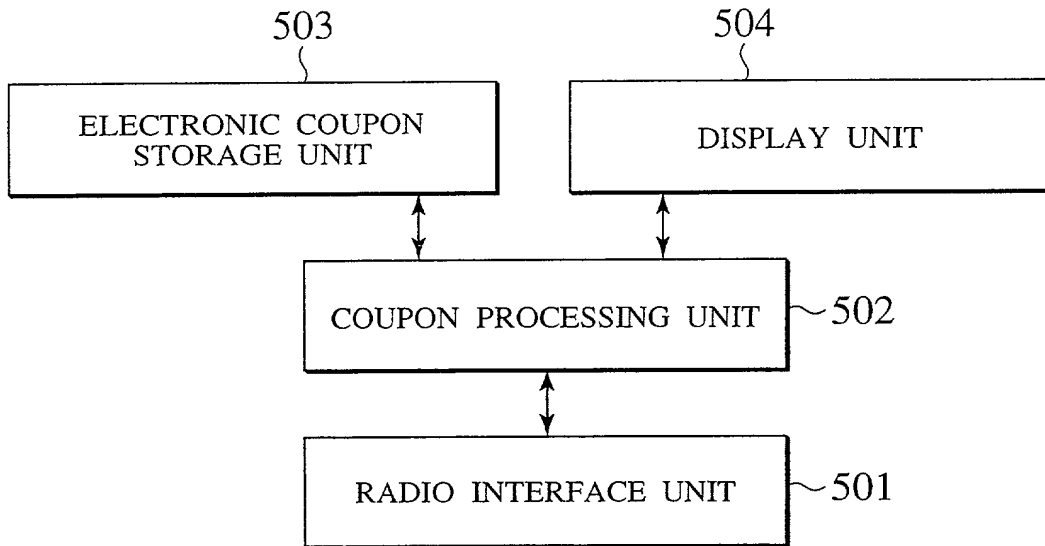


FIG.8

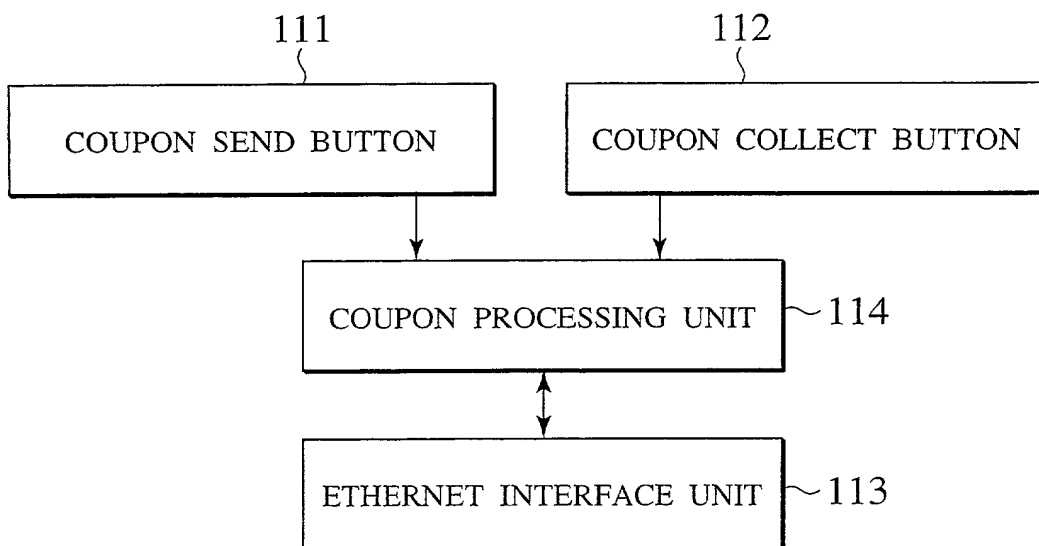
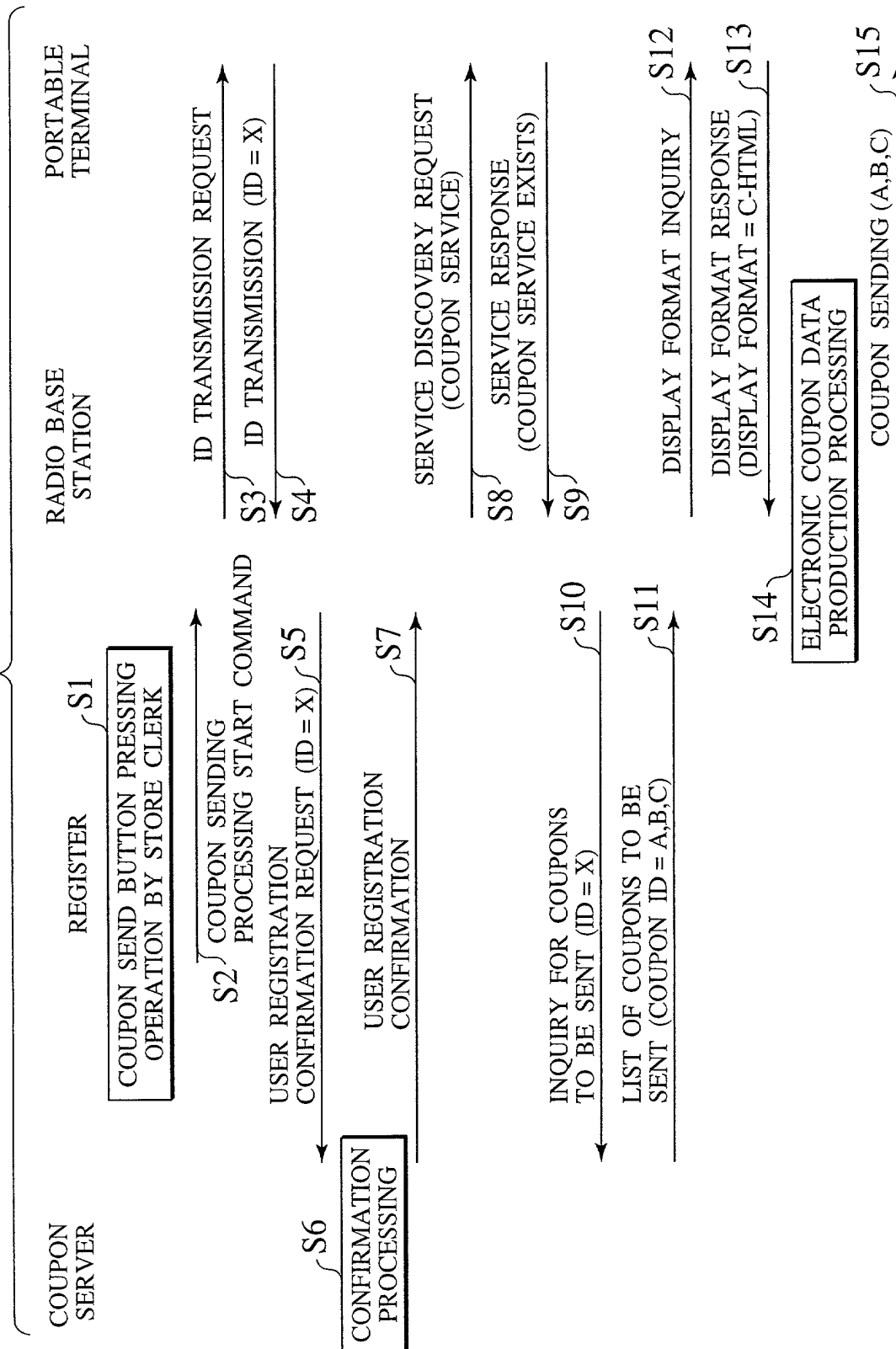


FIG. 9



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FIG.10A

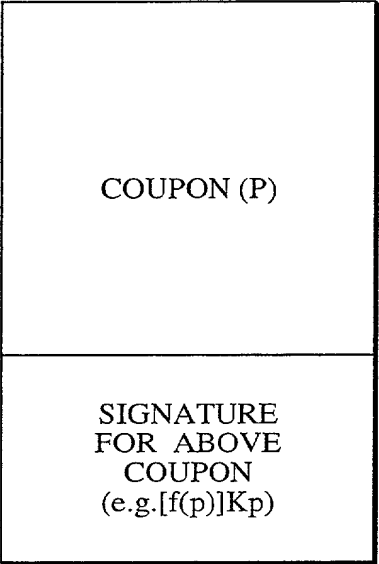


FIG.10B

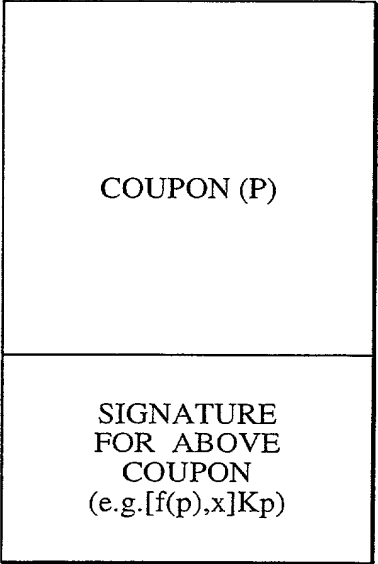


FIG. 10A and FIG. 10B

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FIG.11

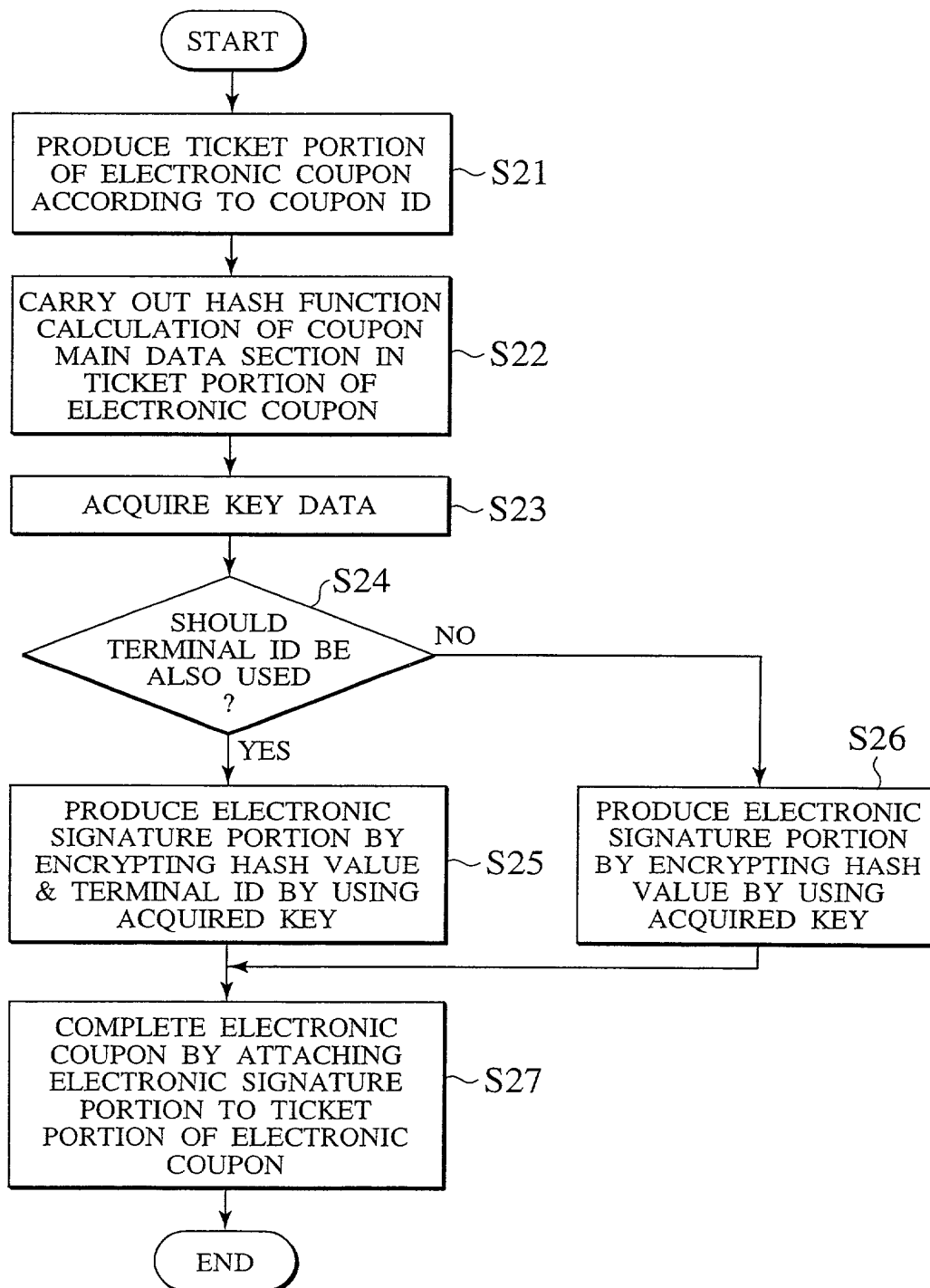
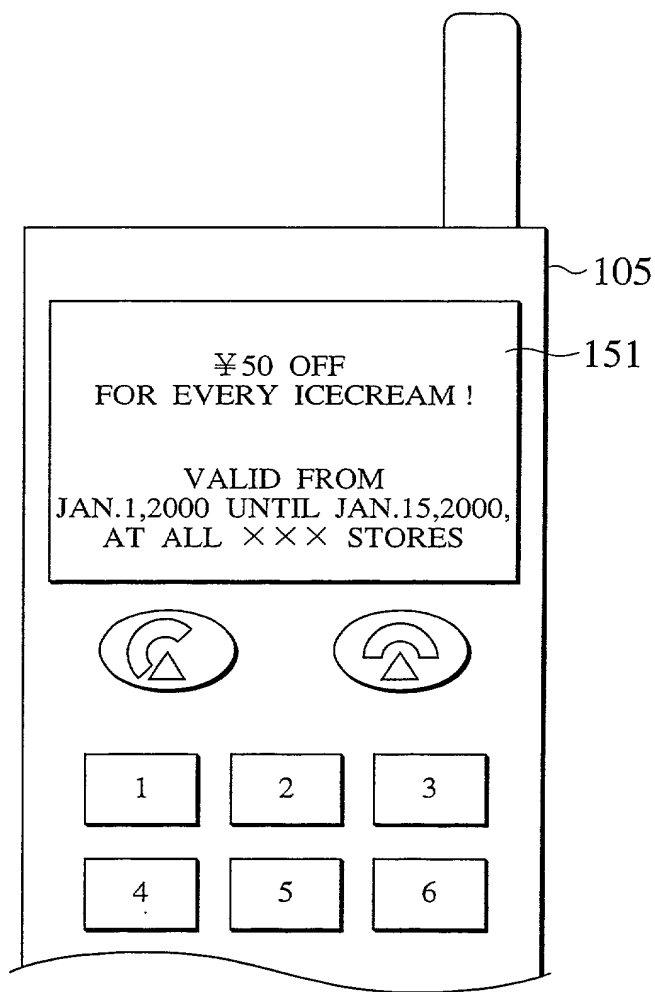


FIG. 11

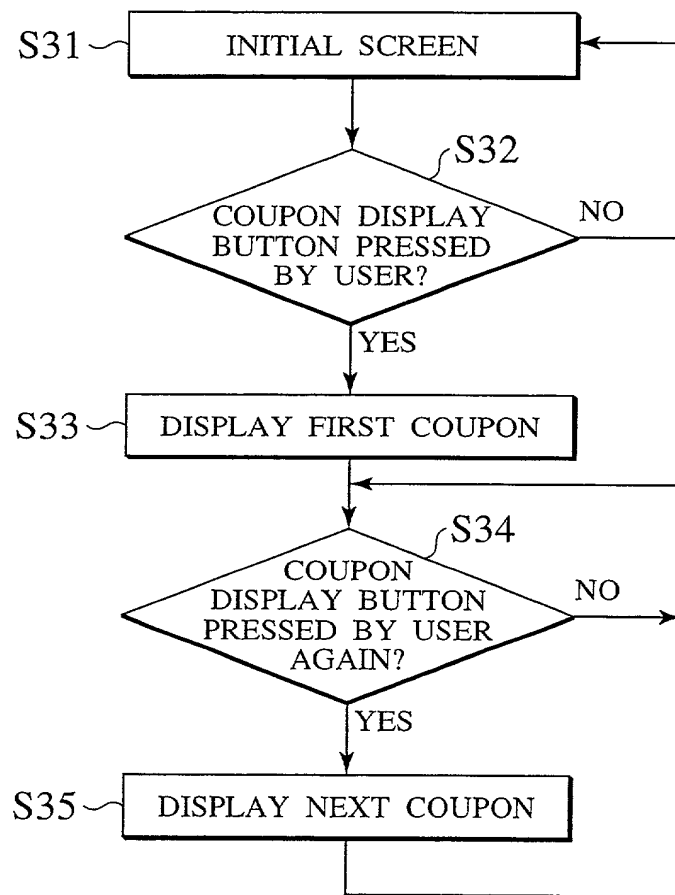
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FIG.12



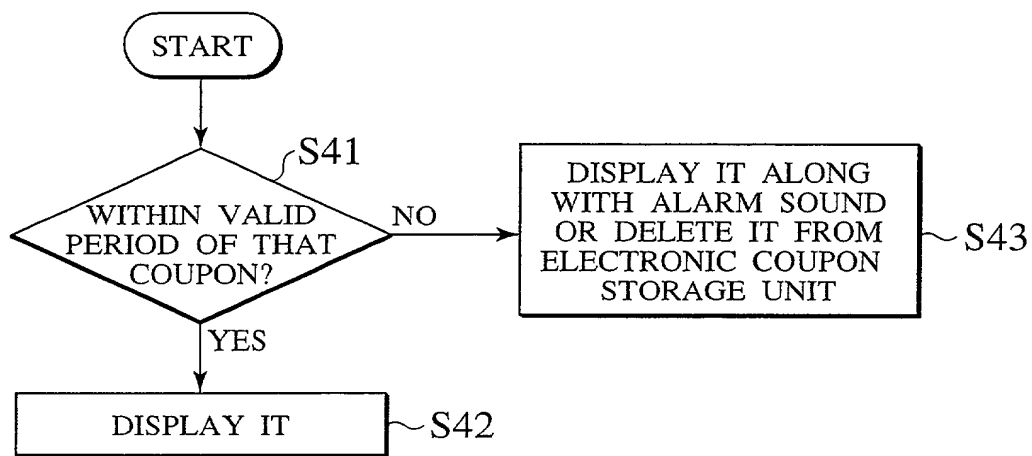
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FIG.13



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FIG.14



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FIG.15

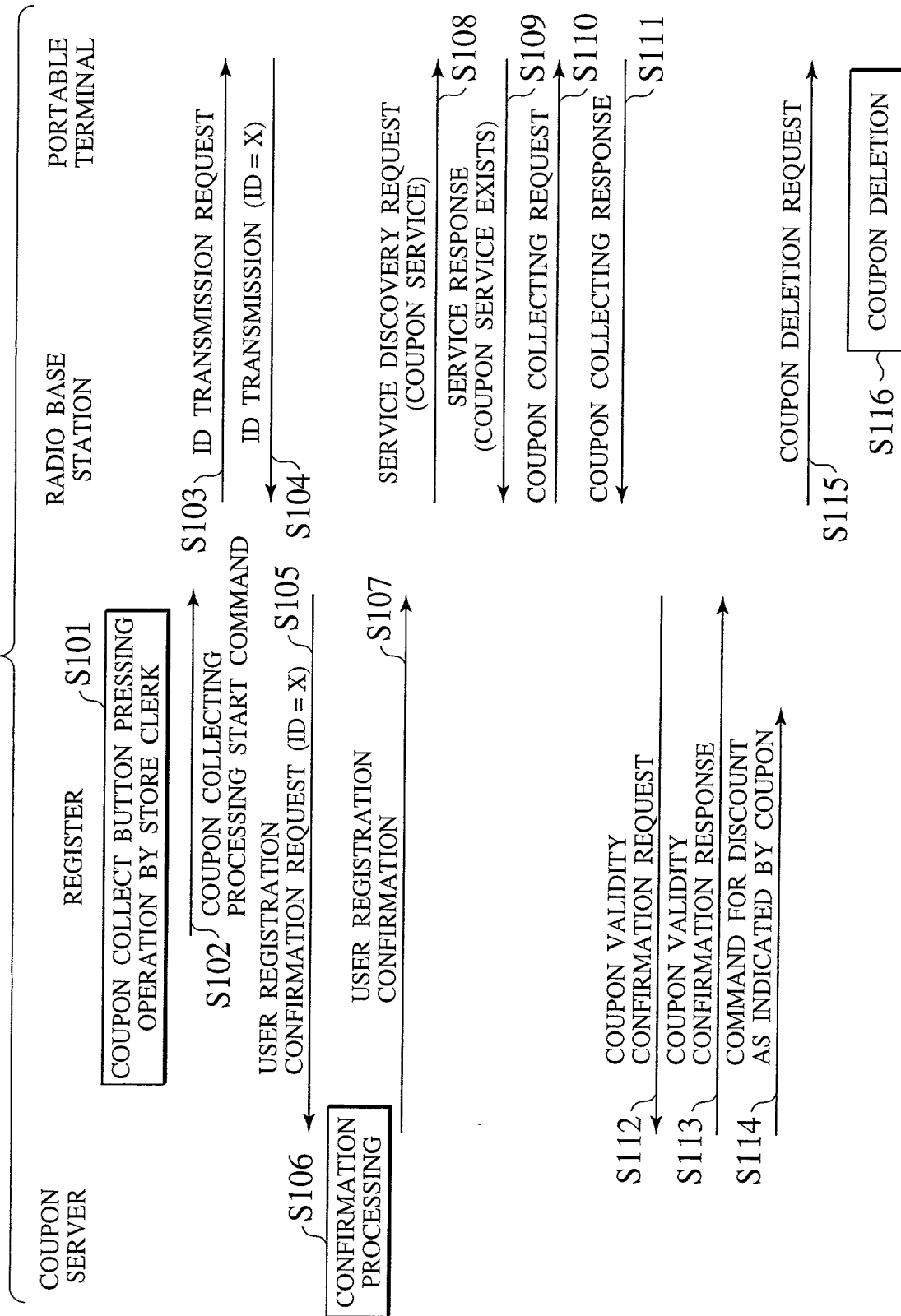


FIG.16

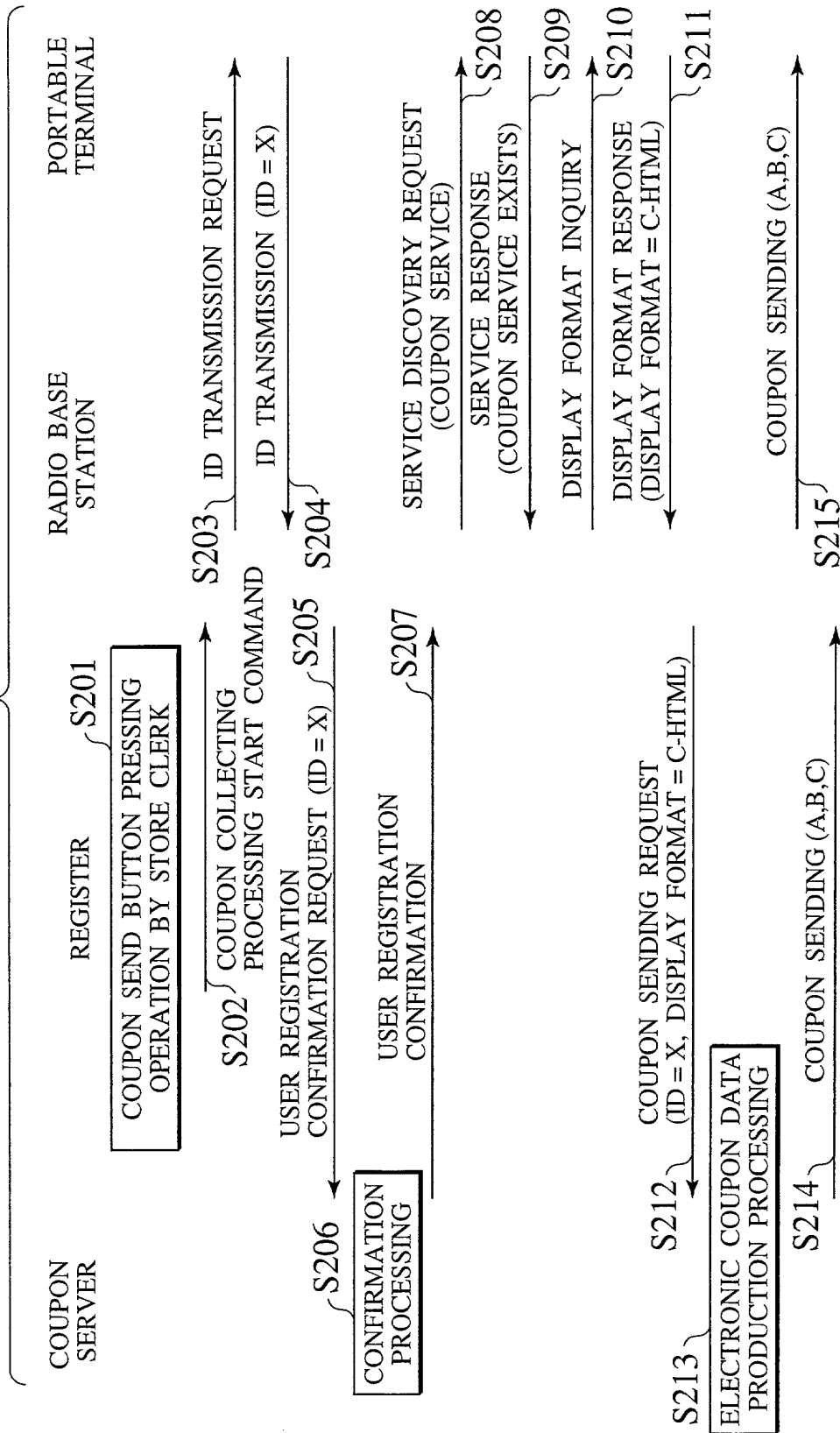


FIG.17

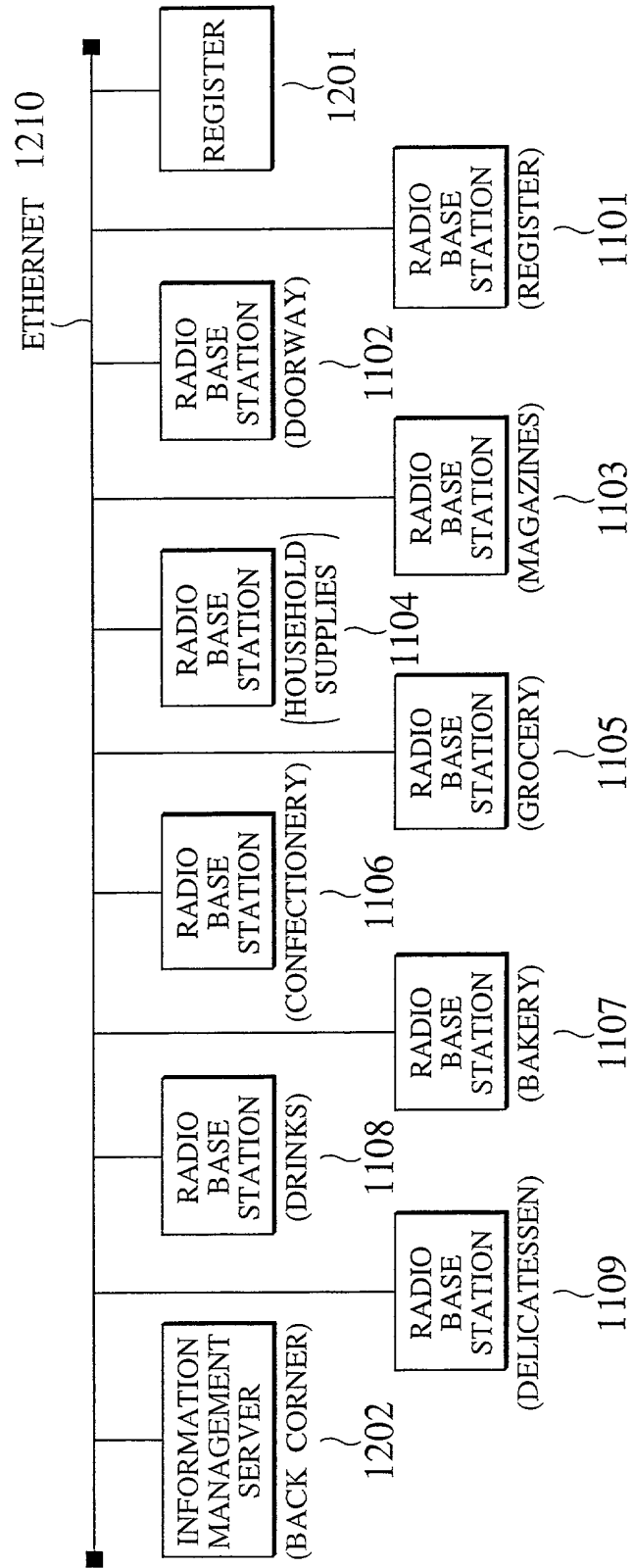


FIG.18

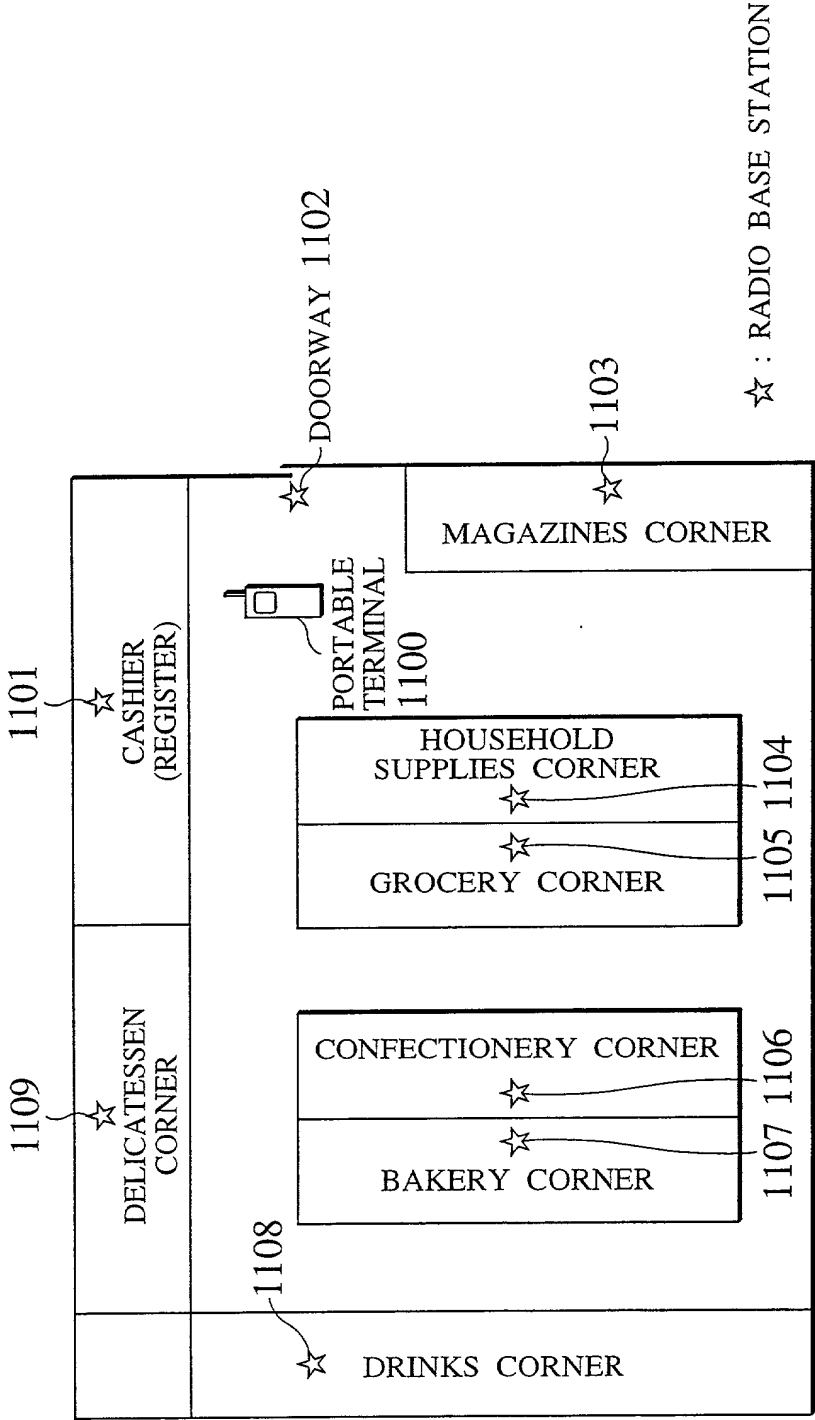
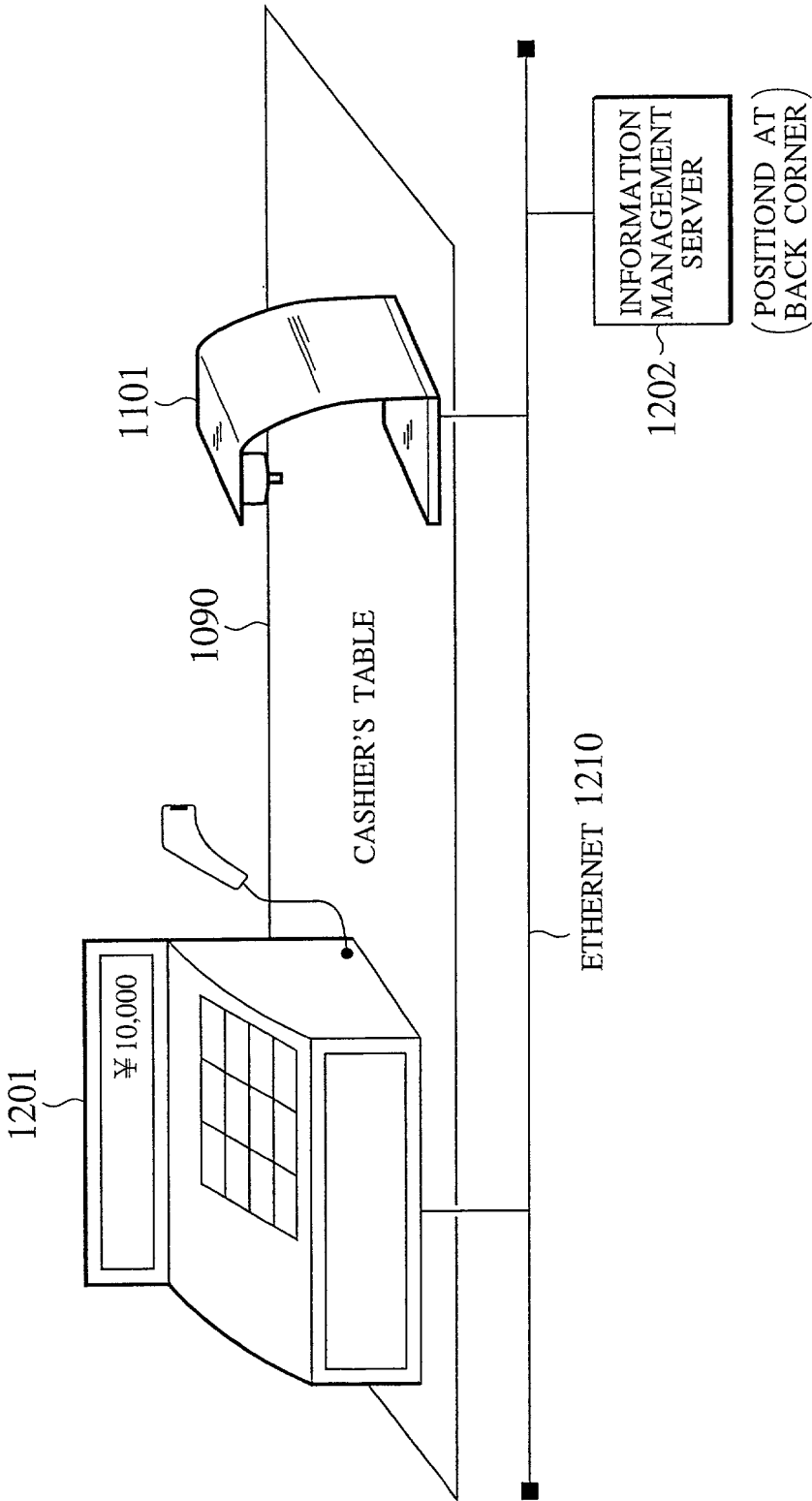


FIG. 19



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FIG.20

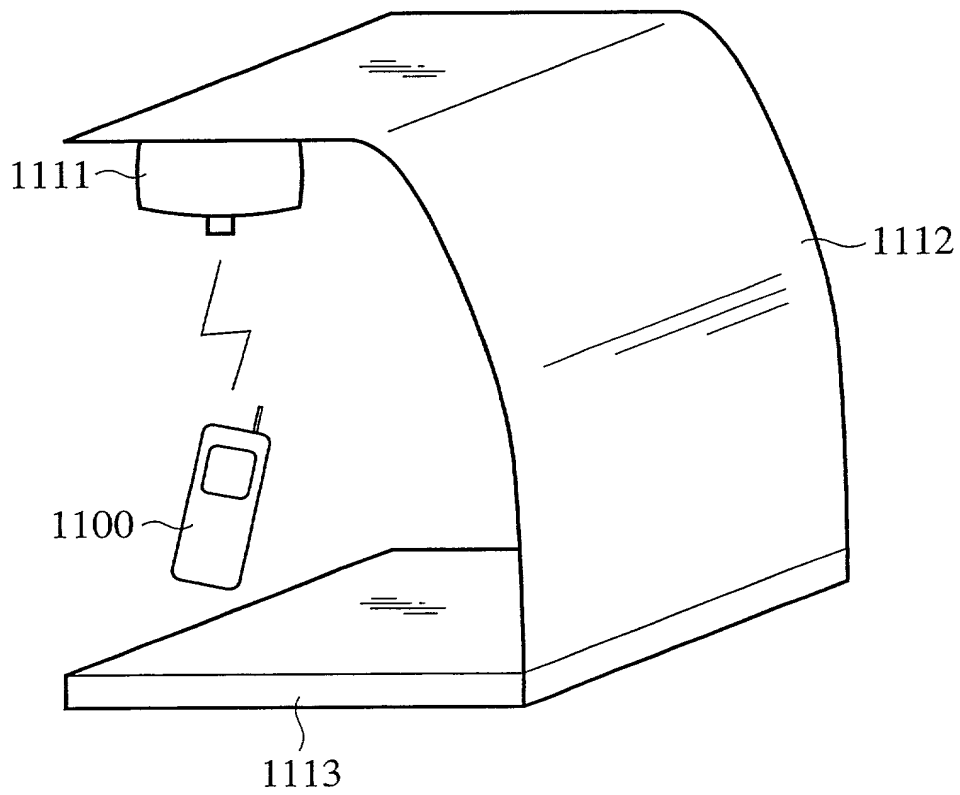
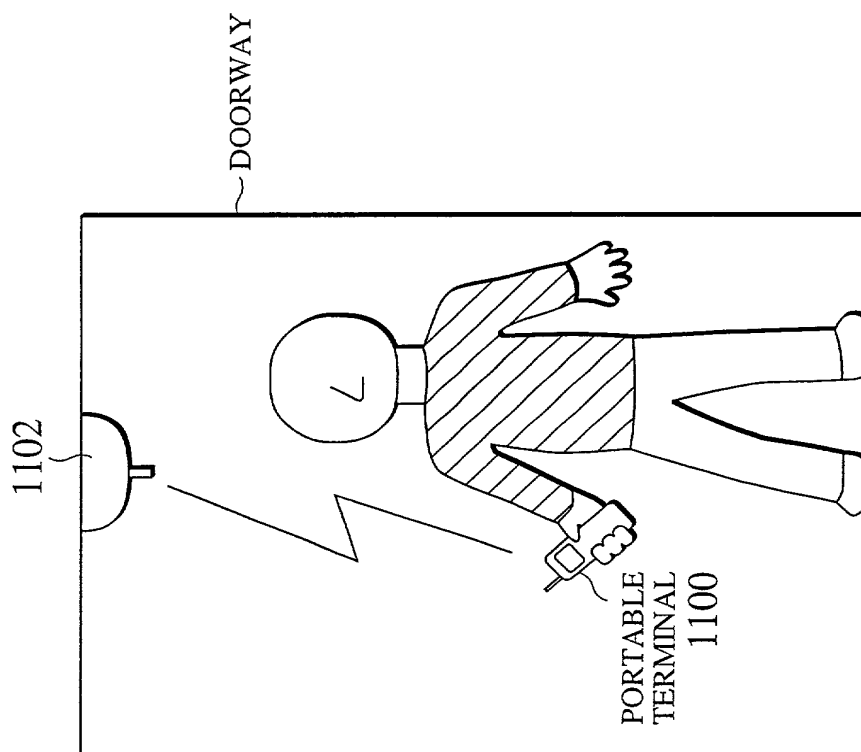


FIG. 21



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FIG.22

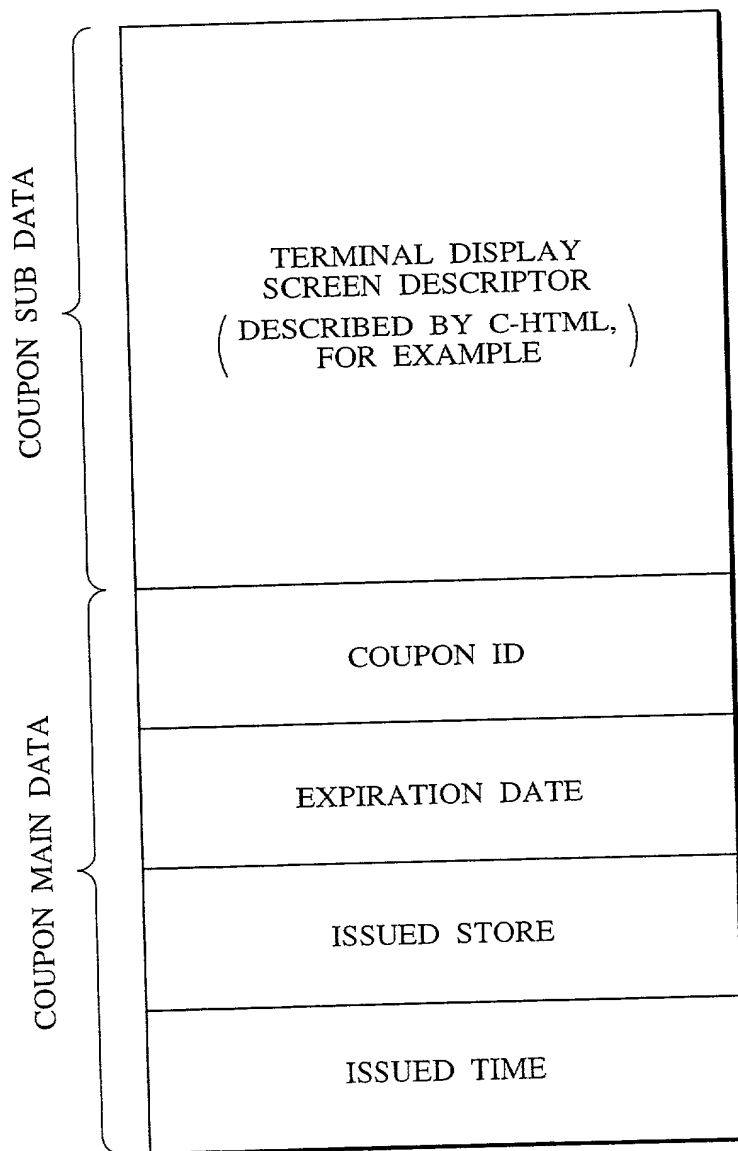


FIG.23

TERMINAL ID	USER ATTRIBUTE INFORMATION (NAME, ADDRESS, AGE, SEX, ETC.)	TIME	PLACE	IDS OF SENT/COLLECTED COUPONS	PURCHASED ITEM
×	GEORGE BUSH 2001 42ND ST., MANHATTAN 30, MALE	T ₁	DOORWAY	A(SENT)	
		T ₂	DRINKS		
		T ₂ + α	DRINKS		
		T ₂ +2 α	DRINKS		
		T ₃	REGISTER	B(COLLECTED)	××CORP. OOLONG TEA

FIG. 24

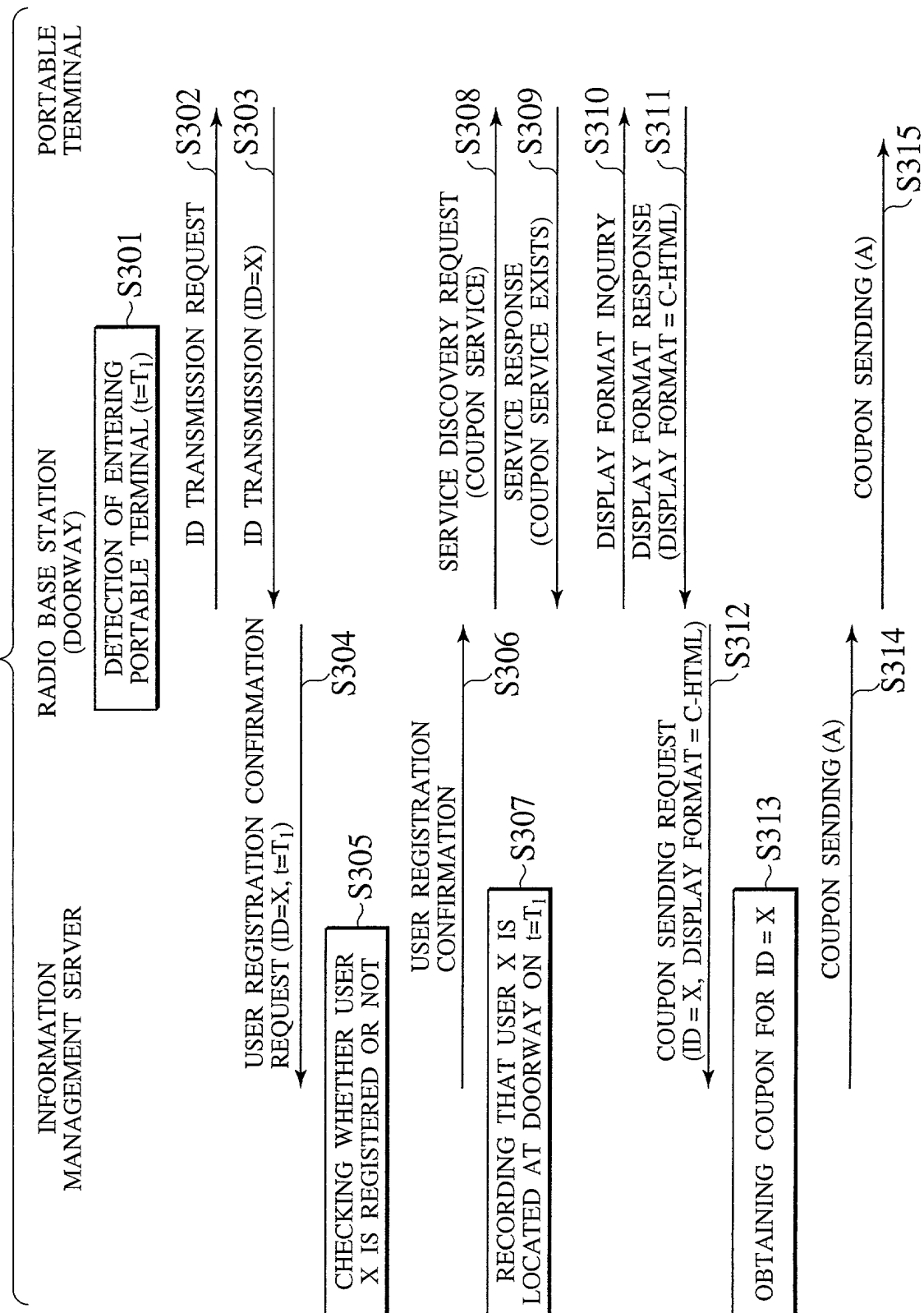


FIG.25

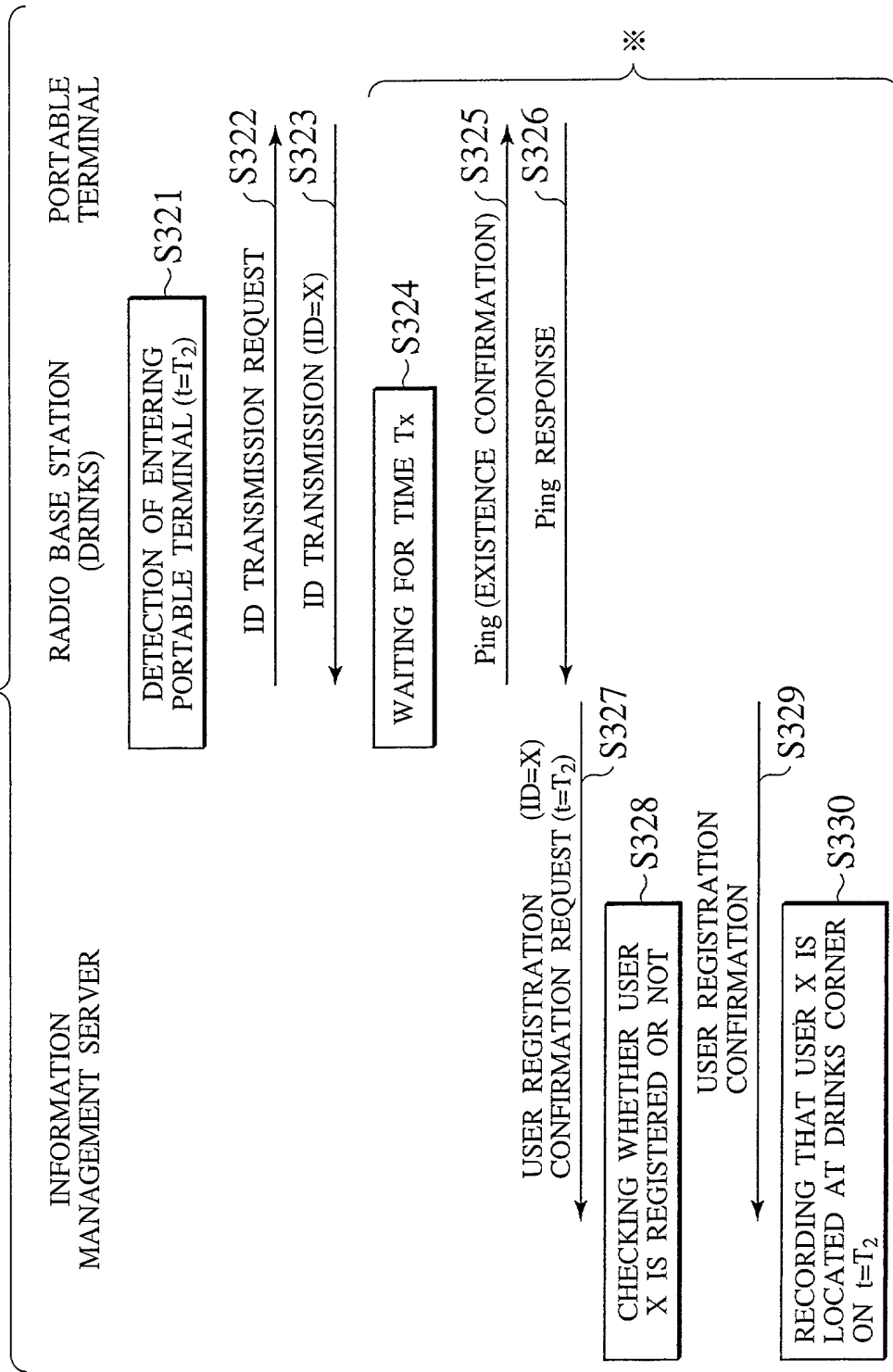


FIG.26

